



Green Cleaning Pilot Testing and Procurement Project 2012-2013 City of St. Louis, MO

The City of St. Louis, MO, led by the Mayor's Office, with technical support from the Responsible Purchasing Network (RPN) under a grant from the U.S. Environmental Protection Agency (EPA), will pilot test and procure "green" cleaning products. Those products that receive high performance ratings and are determined to be reasonably priced and readily available from local vendors will be included in a competitive bid solicitation issued by the City. The pilot test will include, but not be limited to, certified "green" cleaners, asthma-safe disinfectants and sanitizers, automatic dilution equipment, and microfiber mops and cloths. Other green cleaning products will be considered for inclusion in the pilot test by mutual agreement of the Mayor's Office and RPN.

Below is a description of the key steps involved in the project:

- 1. Baseline analysis.** The City will provide RPN with information about the high-volume cleaning products (such as glass, floor and carpet cleaners; disinfectants, degreasers, etc.) currently used by three selected City facilities. RPN will conduct a baseline assessment of this information, identifying products that may pose significant health and environmental risks, recognizing that such risks are significantly reduced by following applicable regulations and taking proper safety precautions such as the use of personal protective equipment (PPE). RPN will then highlight opportunities for each of the three selected City facilities to substitute safer alternatives. This is a non-regulatory activity.
- 2. Market assessment.** RPN, with input from the City, will identify local vendors of "green" cleaners and present to the City information about the brands of certified "green" cleaning products and asthma-safe disinfectants that the City can consider for inclusion in its pilot test. The City will review RPN's market assessment information and choose up to 6 lines of "green" cleaners for the pilot test.
- 3. Pilot test.** The City will invite local vendors of chosen brands of "green" cleaners to participate in a pilot test. Vendors will be invited to provide samples, set up equipment, and conduct training about their "green" cleaners, asthma-safe disinfectants, automatic dilution equipment and microfiber mops to facilities that have been chosen to participate in the City's pilot test. The three pilot test facilities currently include: (1) Lambert – St. Louis International Airport; (2) St. Louis City Hall; and (3) 1520 Market Street (City Hall West). RPN will devise survey questions, evaluate the survey results, and present them to the City. The City (i.e., each pilot test site) will be responsible for administering the surveys to participating custodial staff during each of the pilot test cycles and sending them to RPN for evaluation.



4. **Procurement.** The City will issue a bid solicitation for certified “green” cleaners and possibly for other environmentally preferable janitorial products such as microfiber mops, “green”-certified hand soaps and recycled-content janitorial paper products and trash bags. RPN will help the City in this effort by drafting the environmental specifications and designing bid sheets to capture information from vendors about the environmental certifications/attributes of their products. RPN will also assist the City with evaluating bidders’ compliance with the environmental specifications in the solicitation.
5. **Project evaluation.** RPN and the City will work together to calculate the measurable impacts of the project such as pounds of toxic materials avoided through the increased use of safer cleaning products and equipment, other environmental benefits (e.g., gallons of water conserved, pounds of recycled-content janitorial products purchased or waste minimized, etc.), and estimated cost savings.

The consultant and City staff will collaborate in publicizing the results of the pilot test by mutual agreement.

6. **Project schedule.** This project will take place between May 2012 and August 2013. Below is a proposed schedule for the key activities and deliverables associated with this project.

Task Number	Activity/Deliverable	Start Date	End Date
	Kickoff workshop for custodial staff		May 2012
1	Baseline analysis of high-volume cleaning products used by City	May 2012	July 2012
2	Market assessment (identification of green cleaning products available from local vendors)	July 2012	August 2012
3	Pilot test	September 2012	February 2013
4	Procurement	March 2013	May 2013
5	Project evaluation	May 2013	August 2013